

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2005/000243

## A. CLASSIFICATION OF SUBJECT MATTER

IPC<sup>7</sup> G01N35/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC<sup>7</sup> G01N35/+/ F22B35/+/ F23N5/+

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

The Chinese patent document (1985-)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CNPAT CNKI 监测 反应剂 空气 化石燃料 煤 燃气 燃油 生成物 平衡 正定  
 WPI EPODOC PAJ monitor+ reactant air +fuel coal gas oil product resultant balance positive  
 definite

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CN,A,1369712 (ZHONGSHI CO LTD SHANDONG) 18.SEP.2002 (18.09.2002) see entire document	1-18
A	DE,A1,19611110 (POETTERS ZITA) 23.OCT.1997 (23.10.1997) see entire document	1-18
A	JP,A,2106615 (HITACHI LTD. ETAL) 18.APR.1990 (18.04.1990) see entire document	1-18

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:	
“A” document defining the general state of the art which is not considered to be of particular relevance	“T” later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
“E” earlier application or patent but published on or after the international filing date	“X” document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
“L” document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)	“Y” document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
“O” document referring to an oral disclosure, use, exhibition or other means	“&” document member of the same patent family
“P” document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 15.APR.2005 (15.04.2005)	Date of mailing of the international search report 11 · MAY 2005 · 15 · 2005
Name and mailing address of the ISA/CN The State Intellectual Property Office, the P.R.China 6 Xitucheng Rd., Jimen Bridge, Haidian District, Beijing, China 100088 Facsimile No. 86-10-62019451	Authorized officer SUN, Yi Telephone No. (86-10) 62085733
Facsimile No.	

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
PCT/CN2005/000243

Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
CN,A,1369712	18.09.2002	CN,C,1164950	01.09.2004
DE,A1,19611110	23.10.1997	NONE	
JP,A,2106615	18.04.1990	JP,B2,2753839	20.05.1998

## A. 主题的分类

IPC<sup>7</sup> G01N35/00

按照国际专利分类表(IPC)或者同时按照国家分类和 IPC 两种分类

## B. 检索领域

检索的最低限度文献(标明分类系统和分类号)

IPC<sup>7</sup> G01N35/+ F22B35/+ F23N5/+

包含在检索领域中的除最低限度文献以外的检索文献

中国专利文献 (1985-)

在国际检索时查阅的电子数据库(数据库的名称, 和使用的检索词(如使用))

CNPAT CNKI 监测 反应剂 空气 化石燃料 煤 燃气 燃油 生成物 平衡 正定  
WPI EPODOC PAJ monitor+ reactant air +fuel coal gas oil product resultant balance positive  
definite

## C. 相关文件

类 型*	引用文件, 必要时, 指明相关段落	相关的权利要求
A	CN,A,1369712 (山东中实股份有限公司) 18.9 月 2002 (18.09.2002) 见全文	1-18
A	DE,A1,19611110 (POETTERS ZITA) 23.10 月 1997 (23.10.1997) 见全文	1-18
A	JP,A,2106615 (HITACHI LTD. 等) 18.4 月 1990 (18.04.1990) 见全文	1-18

 其余文件在 C 栏的续页中列出。 见同族专利附件。

\* 引用文件的具体类型:

“A” 认为不特别相关的表示了现有技术一般状态的文件

“E” 在国际申请日的当天或之后公布的在先申请或专利

“L” 可能对优先权要求构成怀疑的文件, 或为确定另一篇引用文件的公布日而引用的或者因其他特殊理由而引用的文件

“O” 涉及口头公开、使用、展览或其他方式公开的文件

“P” 公布日先于国际申请日但迟于所要求的优先权日的文件

“T” 在申请日或优先权日之后公布, 与申请不相抵触, 但为了理解发明之理论或原理的在后文件

“X” 特别相关的文件, 单独考虑该文件, 认定要求保护的发明不是新颖的或不具有创造性

“Y” 特别相关的文件, 当该文件与另一篇或者多篇该类文件结合并且这种结合对于本领域技术人员为显而易见时, 要求保护的发明不具有创造性

“&amp;” 同族专利的文件

国际检索实际完成的日期 15.4 月 2005 (15.04.2005)	国际检索报告邮寄日期 11.5 月 2005 (11.05.2005)
中华人民共和国国家知识产权局(ISA/CN) 中国北京市海淀区蓟门桥西土城路 6 号 100088 传真号: (86-10)62019451	受权官员 SUN, Yi 电话号码: (86-10) 62085733 

国际检索报告  
关于同族专利的信息

国际申请号  
PCT/CN2005/000243

检索报告中引用的专利文件	公布日期	同族专利	公布日期
CN,A,1369712	18.09.2002	CN,C,1164950	01.09.2004
DE,A1,19611110	23.10.1997	NONE	
JP,A,2106615	18.04.1990	JP,B2,2753839	20.05.1998